shp loo do

		376*							Page 1
	Accept	*N900	040	100	)*			IA	S1*
		Cust Item Customer:					•	"N	5)"
					1			*N *N	R1* R2*
	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reje Qty			Insp. Stamp
16									
CONTROL	0.00 <b>15</b> 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	<b>2</b> -031 CHG					М	C5 1	2-11-07
emo	0.00					1			12/11/07
	0.00 VAS <b>5.5</b> 0.00 D				· ·			-	·
( ( e	: 1.00 *1*  Date:  Z-10-0 Date:	1.00 *1* : 1.00 *1* : 1.00 *1*  Date:  Z-10-0 Z Tooling: SPC (Y/N):  Set Up/Run Hours  CONTROL  lemo notocopy D350-689 bluefile & type labels per PPP D350-689  demo  0.00  spect kits for completeness  0.00	1.00 *1* : 1.00 *1* Cust Item Customer:  Date:  Z-10-02 Tooling: D Date: SPC (Y/N): D  Set Up/ Tool ID Run Hours  CONTROL  JB CONTROL  Jemo 0.00 0.00 0.00  Spect kits for completeness 0.00  Spect kits for completeness 0.00	1.00 *1* : 1.00 *1* Cust Item ID: Customer:  Date:  2-10-02 Tooling: Date: Date: SPC (Y/N): Date: Tool ID Tool # Run Hours  CONTROL (Memo	1.00 *1* : 1.00 *1* Cust Item ID: Customer:  Date:   Date:   Date:   Date:   Date:   SPC (Y/N):   Date:   Set Up/ Run Hours   Tool ID Tool # Plan Run Hours   Code  CONTROL   O.00   O.0	1.00 *1* Cust Item ID: Customer:  Date:   2-10-02 Tooling: Date: Date: Date:   Date:	1.00 *1* : 1.00 *1* Cust Item ID: Customer:    Date:  Z-10-02 Tooling: Date:   Run	Stop  1.00 *1* Cust Item ID: 1.00 *1* Customer:  Date:  Z-10-0Z Tooling: Date: Stop  Date: SPC (Y/N): Date: Stop  Set Up/ Run Hours Tool ID Tool # Plan Accept Reject Code Qty Qty  CONTROL 15 Code Qty Qty  15 CONTROL 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Stop *N  1.00 *1* Cust Item ID: Customer:  Date:   Date:     Date:   SPC (Y/N):   Date:   Stop *N    Set Up/ Run Hours   Tool ID Tool # Plan Accept Reject Reject Number    Control   Code   Co

									-Yes		DQA:	Date:	•	
NCR:	⁄es	/ No					WORK ORDER NON-C	O	NFOR	MANCE / UPE	DATE	•		•
										· · · · · · · · · · · · · · · · · · ·		QA Closed:	Date:	j.
Work Ord	or.						DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	6
Part I	No.		· · · · · ·				Rework Scrap Use-as-is Work Order Update		1	Skid-tube  Machining  noforming  Large Fab	Crosstube Small Fab Finishing Composite	-	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				1	Des	crir	otion of work order update		nitial	Act	ion	Sign &		
Cause		Date	Step	Qty			or Non-conformance	1	ief Eng	ł	iption	Date	Verification	QC Inspector
oc/Data quip/Tooling perator faterial etup tther rocess upplier raining									~					
							<del> </del>	AUL	T CATE	GORY				
Landi		Bending Centre No Cracks Crushed/o Cuffs Heat Trea Inspection Ripples in Torque W	Crimped it n Strip in Bend	Tube			General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing		Instruct Mainte Mislabe Misread Offset	ion Incomplete ions Incomplete/L enance eled	Jnclear	Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct issing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
		Turning S				Г	Finish		Out of Sequence					

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube

Work Orde October-01-12		876		*908	376*				Page 2
Item ID: Revision ID:	D350-689-0			Accept	*N900	<u>04010</u>	) <b>()</b> *	Setup Start Stop	11121
Item Name: Start Date: Required Date: Reference:	Armrest/Cont 10/01/12 10/05/12	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item   Customer:	ID:		ж	*NS2*
Approvals:	Process Pla	ın:	Date:	Tooling: SPC (Y/N):		ate:	_	Run Start Stop	"NR1"
Sequence ID/ Work Center II 120 *120* Packaging Packaging	)	Operation Description Packaging Memo Identify and Location:	pack for shipping as per l	Set Up/ Run Hours 0.00 0.00 PPP D350-689-013	Tool ID	Tool # Plai Cod			Reject Insp. Number Stamp

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

130

\*130\*

Quality Control

MLJ 12-11-12

											DQA:	Date:	•
NCR:	Yes	/ No				WORK ORDER NON-	100	NFORM	AANCE / UPDATE				•
									ANTE ANT		QA Closed:	Date:	, <u> </u>
Work Ord	or.					DISPOSITION			AG	SAINST DEI	PARTMENT	/PROCESS	•
Work ord	CI.	<del></del>				Rework	1		Skid-tube Cro	sstube		Water Jet	Engineering
Part I	Vo.					Scrap	]	1	Machining Sm	all Fab		d. Eng. Coor.	Quality
NCR I	No.					Use-as-is Work Order Update		1	~ <u>—</u>	nishing nposite	Rec/Stor	re/Packaging Supplier	Other
Root					Descri	ption of work order update		Initial	Action		Sign &		
Cause		Date	Step	Qty	(	or Non-conformance	Ch	nief Eng	Description		Date	Verification	QC Inspector
Doc/Data	_												
Equip/Tooling													
Operator					_								
Material													
Setup			1										
Other													
Process					-								
Supplier									;				
Training													
Unapproved				<u> </u>	<u> </u>								
						F	AUI	LT CATE	GORY				
Landi	ng (	Gear				General	_			_	1		7
		Bending				Bend	L	Grain			Ovalized		Pressure/Forced
	L	Centre No	ot Conce	ntric to	o/s	BOM/Route	L	Hardwa	re		Over/Under	tolerance	Temperature/Cure
	L	Cracks	<b>⊢</b> —			Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld
		Crushed/	shed/CrimpedBur			Burrs		Instruct	ions Incomplete/Unclear	r	Part Lost/M	issing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	enance		Part Moved		
		Heat Trea	at			Countersink		Mislabe	eled		Positioned \	Wrong	_
	Inspection Strip in Tube Cu			Cut Too Short Misread				Power Loss/	'Surge	Other			

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Order ID:

90876

Parent Item:

D350-689-031

Parent Item Name:

Armrest/Control Guard

**Start Date:** 10/01/12

Required Date: 10/05/12

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3021-043 SM		Manufactured	No	2		101	Each	0.0000		0832	9 A		R
D4666-041 SM-	ס	Manufactured	No			101	Each	0.0000		23301"	10	<u> </u>	
D467111 Armrest Cushion		Manufactured	No			101	Each	6.0000	O g	1	- 70		
Sms				Location		Loc Qty	Lo	c Code			7		
•				ST		6							
				8882	23	6			8:	1823			^
AN4-4A Bolt		Purchased	No			101	Each	75.0000		1	23		
5m)				Location		Loc Oty	<u>Lo</u>	c Code			0 -		
3/10	-			FP001		6							
				1146	515	6							
				ST355		69							
				1201		29						,	٠
				1212		3			17	2416			St.
ANY+10A Bolt		Purchased	No	1224	-10	37 101	Each	96.0000	5	1	10	12	م م اردر
Sm/>				Location		Loc Oty	<u>Lo</u>	c Code			0-		7
				ST355		50							
				1224	07	50							
				ST356		46			-	_			
				1176	19	4							
				1228	00	42			12	2800			

											DQA:	Date	e:•
NCR:	Yes	/ No				WORK ORDER NON-O	O	<b>NFORM</b>	ANCE / UPI	DATE			•
											QA Closed	Date	e: <b>1</b>
Work Orde	or.					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	•
WOIK OIG	٠					Rework	1		Skid-tube	Crosstube	1	Water Jet	Engineering
Part I	No.					Scrap			Machining	Small Fab	Pro	od. Eng. Coor.	Quality
						Use-as-is			noforming	Finishing	Rec/Sto	re/Packaging	Other
NCR I	No.		···			Work Order Update	]		Large Fab	Composite		Supplier	
Root					Descri	ption of work order update		Initial	Act	ion	Sign &		
Cause		Date	Step	Qty	(	or Non-conformance	Ch	nief Eng	Descr	ription	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling	Ш					1							
Operator	Ш												
Material	Щ												
Setup													
Other	Ш												
Process	Ш												
Supplier	Ш		1										
Training	Ш												
Unapproved									·				
							AUI	LT CATE	GORY				
Landi	_				_	General		,		<del></del>	7	_	_
		Bending			_	Bend		Grain			Ovalized	1	Pressure/Forced
		Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Unde	r tolerance	Temperature/Cure
	Ш	Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ect	Weld
	Ш	Crushed/	Crimped.			Burrs	L	Instruct	ions Incomplete/l	Unclear	Part Lost/N	1issing	Wrong Stock Pulled
		Cuffs				Contamination	L	Mainte			Part Moved		
	Ш	Heat Treat Countersink			Countersink	Mislabeled			Positioned Wrong				
	Inspection Strip in Tube Cut Too Short				Cut Too Short		Misread	i		Power Loss	/Surge	Other	
!	Ripples in Bend					Drill Holes		Offset					

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

## **Picklist Print**

October-01-12 9:00:43 AM

Page 2

Vork Order ID:	90876												
arent Item:	D350-689-031							Start	Date: 10/01/12		Requi	red Date:	10/05/12
arent Item Name:	Armrest/Control Gua	ard							t Qty: 1.00			ired Qty:	
NELIFIA)		Purchased	No			101	Each	539.0000		1	ż	JB	S
				Locatio	<u>n</u>	Loc Qty		Loc Code				V	
SmD.				ST357		500							
314					122416	500			122	416			
				ST358		34							
					116704	0							
					121541	34							3
				ST359	112214	5							
					112314 121068	0 5							•
1970=4		Purchased	No		121008	101	Each	146.0000			_		
isher		Purchased	140			101	Lacii	140.0000		1 	1!	5	201
$\sim$ $\wedge$				Locatio	<u>n</u>	Loc Qty		Loc Code			•		1
5m)				ST342		75				<del></del>			
					122814	50			122	814			
				000011	122993	25							
				ST344	115026	71							
		* 54			115936 121285	10 61							1
S21042E4)		Purchased	No		121203	101	Each	5,455.0000	5				
t		ruiciiaseu				101	Lacii	3,433.0000	2	2	- 6	1 B_	12/11/
Smp				Locatio	<u>n</u>	Loc Qty		Loc Code			•		•
21.1				314		2428			41-				
					122452	2428							
				ST300		27							
					119017	20							
					121444	7			-				
		••		ST314	100001	3000			122				
					123021	3000			123	0d1			

NCR:	⁄es	/ No				WORK ORDER NON-O		VFOR	MANCE / UPI	DATE					•
											(	QA Closed:	Da	ate:	<i></i>
Work Orde	er: .					DISPOSITION	,			AGAINST D	EP	ARTMENT/			
Part N	•		· · · · · · · · · · · · · · · · · · ·			Rework Scrap Use-as-is Work Order Update		Thern	Skid-tube  Machining  noforming  Large Fab	Crosstube Small Fab Finishing Composite			Water Jet d. Eng. Coor e/Packaging Supplie		Engineering Quality Other
Root					Descri	ption of work order update		nitial	Act	ion		Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descr	iption		Date	Verification	on_	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved		-													
							AUL	T CATE	GORY						
Landi		Gear  Bending  Centre No  Cracks  Crushed/  Cuffs  Heat Trea  Inspection  Ripples in	Crimped it n Strip in i Bend	Tube		General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing		Instruct Mainte Mislabe Misread Offset	ion Incomplete tions Incomplete/U enance eled	Jnclear		Ovalized Over/Under Part Incorrec Part Lost/Mi Part Moved Positioned V Power Loss/	ct ssing Vrong		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

### **Picklist Print**

October-01-12 9:00:43 AM

Work Order ID:

90876

Parent Item:

NAS1149F0432P

D350-689-031

Parent Item Name:

Armrest/Control Guard

Purchased

No

**Start Date:** 10/01/12

Required Date: 10/05/12

Start Qty: 1.00

826.0000

Required Qty: 1.00

Page 3

Washer

Location	Loc Qty	Loc Code	
275	594		0,0
122441	594		122441
ST275	232		
121350	15		
122151	217		

Each

101

										DQA:	Date	•
NCR: Y	es / No				WORK ORDER NON-C		VFORM	MANCE / UPI	DATE	•		•
										QA Closed:	Date	: #
work Orde	er:				DISPOSITION				AGAINST DE	PARTMENT	PROCESS	•
***************************************					Rework	1		Skid-tube	Crosstube		Water Jet	Engineering
Part N	10.				Scrap	1	1	Machining	Small Fab	Pro	d. Eng. Coor.	Quality
		•			Use-as-is	]	Thern	noforming	Finishing	Rec/Stor	e/Packaging	Other
NCR N	No				Work Order Update	]		Large Fab	Composite		Supplier	
	1	T								S: 0		<del></del>
Root	_		_	l .	ption of work order update	1	Initial		tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Ch	nief Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data												+
Equip/Tooling												
Operator												
Material												
Setup												
Other												
Process												
Supplier												
Training												
Unapproved		<u> </u>				<u>L</u>						
					F.	AUL	T CATE	GORY				
Landi	ng Gear				General		_		-	_		
	Bending				Bend	L	Grain			Ovalized		Pressure/Forced
	Centre N	ot Concer	ntric to	o/s	BOM/Route	L	Hardwa	ire		Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged	L	Inspecti	ion Incomplete		Part Incorre	ct	Weld
	Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination		Mainte	enance		Part Moved		
	Heat Trea				Countersink		Mislahe	eled		Positioned V	Vrong	

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Power Loss/Surge

Other

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-689 REV. B

REF TCCA STC: SH02-33 REF FAA STC: SR01620NY REF EASA STC: EASA.IM.R.S.01453 REF BRAZILIAN STC: 2005S03-09

#### **PURPOSE:**

TO PROVIDE CUSTOMERS WHO HAVE PURCHASED D350-689-011/-021 DUAL HIGH BACK SEAT KITS WITH AN OPTIONAL D350-689-031 ARMREST/CONTROL GUARD KIT.

THE D350-689-031 ARMREST/CONTROL GUARD KIT REPLACES THE D350-689-019 CONTROL GUARD KIT, WHICH WAS FOUND TO BE INEFFECTIVE.

THE D350-689-031 ARMREST/CONTROL GUARD KIT ACTS AS BOTH AN ARMREST AND A GUARD, THAT PREVENTS PASSENGERS FROM SLIDING OFF THE INBOARD SIDE OF THE SEAT INTO THE CONTROLS.

#### **WEIGHT AND BALANCE**

Installation	Weight	LAT	ERAL	LONGITUDINAL		
	Weight	Arm	Moment	Arm	Moment	
D350-689-031 ARMREST/CONTROL GUARD KIT	1.4 lb	-9.0 in	- 12.6 in-lb	60.7 in	85 in-lb	
(Seat's Fwd position)	0.64 kg	-0.23 m	-0.15 m-kg	1.54 m	0.99 m-kg	
D350-689-031 ARMREST/CONTROL GUARD KIT	1.4 lb	-9.0 in	- 12.6 in-lb	64.7 in	91 in-lb	
(Seat's Aft position)	0.64 kg	-0.23 m	-0.15 m-kg	1.64 m	1.05 m-kg	

В

REV.

**DESIGN** 

SI 'BJECT' TO AMENDMENT JNCONTROLLED COPY WITHOUT NOTICE ENGINEERING RETURN TO 2-10-

AJS

AJS

BY

12.07.11

12.06.14

DATE

REV. B

**SCALE** 

SHEET 1 OF 5

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION **BRANCH** DAO # 01-O-01

D. SHEPHERD (DE # 02)

12,07,11 CERT. NO.: SH02-33 ISSUE NO .:

AJS DART AEROSPACE LTD DRAWN AJS HAWKESBURY, ONTARIO, CANADA CHECKED ٩) DRAWING NO. MFG. APPR. N/A **DSI 9619** APPROVED TITLE DE APPR. ARMREST/CONTROL GUARD KIT DATE -

DESCRIPTION

KIT RENAMED FOR CLARITY

**NEW ISSUE** 

12.07.11

- - - - COPYRIGHT @ 2012-BY DART-AEROSPACE LTD-

#### PARTS LIST:

QTY -011	QTY -013	QTY -021	QTY -023	QTY -031	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
Х							D350-689-011	DUAL HIGH BACK SEAT INSTL, LH
1	Х						D350-689-013	FLOOR PROVISIONS KIT
		Х					D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH (REF DSI 9419)
		1	Х				D350-689-023	<b>ENERGY ATTENUATING FLOOR PROVISION KIT (REF DSI 9419)</b>
				Х			D350-689-031	ARMREST/CONTROL GUARD KIT
1					Х		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
		1				Х	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY (REF DSI 9419)
				1			D2024 042	TURE ACCEANDLY
				<del>-</del>			D3021-043	TUBE ASSEMBLY
				1			D4666-041	ARMREST ASSEMBLY
				1			D4671-1	ARMREST CUSHION
				1			AN4-4A	BOLT
				1			AN4-10A	BOLT
				1			AN4-17A	BOLT
				1			AN970-4	WASHER
				2			MS21042L4	NUT
			I	4			NAS1149F0432P	WASHER

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

BY: D. SHEPHERD (DE # 02)

DATE: 12.07,11
CERT. NO.: SH02-33
ISSUE NO.: 1

DESIGN	AJS	DART AEROSPACE	DART AEROSPACE LTD		
DRAWN	AJS	HAWKESBURY, ONTARIO, CANA			
CHECKED	9	DRAWING NO.	REV. B		
MFG. APPR.	N/A	DSI 9619 s	HEET 2 OF 5		
APPROVED	-#;	TITLE	SCALE		
DE APPR.	##	ARMREST/CONTROL GUARD KIT	NTS		
DATE 12.0	7.11	COPYRIGHT © 2012 BY DART AEROSPACE LTD .  THIS DOCUMENT IS PRIVATE AND COMPEDENTAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DARK ARROSPACE LTD.			

at306

#### PROCEDURE:

1) THIS INSTALLATION KIT COMES WITH (1X) D4671-1 ARMREST CUSHION. THIS IS AN UNUPHOLSTERED PIECE OF FOAM TO BE USED TO CUSHION THE SEAT'S OCCUPANT FROM THE ARMREST. IT IS NOT REQUIRED TO BE INSTALLED.

FOR CUSTOMERS WISHING TO INSTALL THE D4671-1 ARMREST CUSHION, IT CAN BE CUT TO THE LENGTH DESIRED BY THE INSTALLER. IT CAN BE UPHOLSTERED WITH FABRIC THAT MEETS THE BURN TEST REQUIREMENTS OF FAR 27.853 (OR FAR 25.853b), PRIOR TO INSTALLATION.

INSTALL THE CUSHION BY SLIPPING IT OVER THE D4666-041 ARMREST ASSEMBLY.

- 2) REMOVE THE D350-689-041/-043 SEAT IN ACCORDANCE WITH ICA-D350-689, SECTION 25.2 / 25.4.
- 3) FOR CUSTOMERS EQUIPPED WITH THE D350-689-019 CONTROL GUARD KIT, REMOVE AND DISCARD THE KIT. PLUG THE HOLE IN THE SEAT BACK STRUCTURE USING THE (1X) AN4-10A BOLT, (2X) NAS1149D0432J WASHERS AND (1X) MS21042L4 NUT PROVIDED IN THE D350-689-031 KIT AS SHOWN IN FIGURE 1.
- 4) REMOVE THE D3021-041 TUBE ASSEMBLY FROM THE SEAT BASE STRUCTURE, BY UNFASTENING THE (6X) MS27039-1-19, (2X) MS27039-1-17 SCREWS, (8X) NAS1149D0332J WASHERS AND (8X) MS21042L3 NUTS AS SHOWN IN FIGURE 2. RETAIN THE HARDWARE IF SERVICEABLE.
- 5) REFERING TO FIGURE 2: REPLACE THE D3021-041 TUBE ASSEMBLY WITH THE D3021-043 TUBE ASSEMBLY ENSURING THAT THE END WITH THE D4667-041 STUD ASSEMBLY FACES INBOARD. REINSTALL THE (6X) MS27039-1-19, (2X) MS27039-1-17 SCREWS, (8X) NAS1149D0332J WASHERS AND (8X) MS21042L3 NUTS. TORQUE FASTENERS TO 20-25 in-lb (2.3-2.8 Nm).
- 6) REFERING TO FIGURE 2: INSTALL THE D4666-041 ARMREST ASSEMBLY ONTO THE SEAT BASE USING (1X) AN4-4A BOLT AND (1X) AN970-4 WASHER. INSTALL FINGER TIGHT. DO NOT TORQUE AT THIS TIME.

ROTATE THE D4666-041 ARMREST ASSY UNTIL THE HOLE AT THE AFT END OF THE TUBE ALIGNS WITH THE CENTER LINE OF SEAT BACK TUBULAR STRUCTURE . USING THE HOLE IN THE ARMREST AS A GUIDE DRILL  $\emptyset$ 0.257 THRU THE SEAT BACK STRUCTURE.

INSTALL (1X) AN4-17A BOLT WITH (2X) NAS1149F0432P WASHER AND (1X) MS21042L4 NUT.

TORQUE AN4 BOLTS TO 50-70 in-lb (5.6-7.9 Nm).

- 7) REINSTALL THE MODIFIED SEAT IN ACCORDANCE WITH ICA-D350-689 SECTION 25.3/25.5.
- 8) UPDATE THE AIRCRAFT LOG BOOK TO INDICATE INSTALLATION OF THE D350-689-031 KIT AND ADJUST WEIGHT AND BALANCE RECORD FOR THE AIRCRAFT WITH THE WEIGHT AND BALANCE DATA PROVIDED IN THIS DOCUMENT.

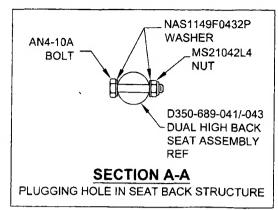
CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

APPROVED

BY:
D. SHEPHERD (DE # 02)

DATE:
12,07,11
CERT. NO.:
SH02-33
ISSUE NO.:
1

DESIGN AJS		DART AEROSPACE LTD		
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA		
CHECKED	P	DRAWING NO.	REV. B	
MFG. APPR.	N/A	DSI 9619	SHEET 3 OF 5	
APPROVED	#	TITLE	SCALE	
DE APPR.	##	ARMREST/CONTROL GUARD KI	T NTS	
DATE 12.0	7.11	COPYRIGHT © 2012 BY DART AEROSPA THIS DOCUMENT IS PRIVATE AND COMFIDENTIAL AND IS SUPPLIED ON THE EXP NOT TO BE USED FOR ANY PURPOSE OR COMED OR COMMUNICATED TO AN WRITTEN PERMISSION FROM DART AEROSPACE LT	RESS CONDITION THAT IT IS	



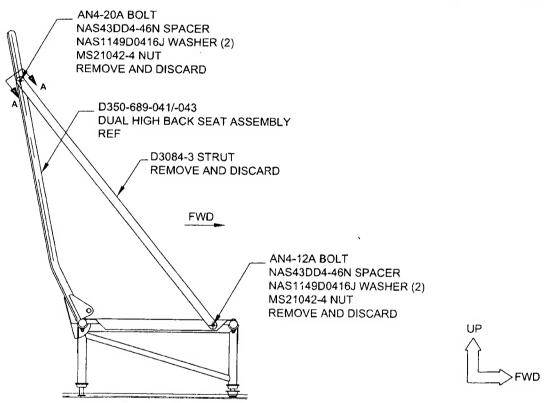


FIGURE 1: Removal of D350-689-019 Control Guard Kit

DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

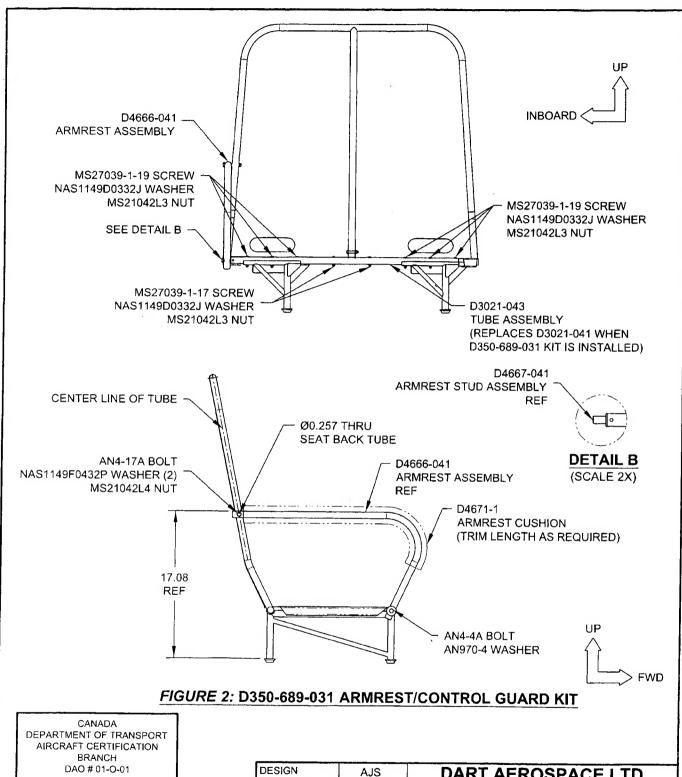
BY:
D. SHEPHERD (DE # 02)

DATE:
12.07.11
CERT. NO.:
SH02-33
ISSUE NO.:
1

CANADA

DESIGN	AJS	DART AEROSPACE L	TD		
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA			
CHECKED	P	DRAWING NO.	REV. B		
MFG. APPR.	N/A	DSI 9619 sh	EET 4 OF 5		
APPROVED	4	TITLE	SCALE		
DE APPR.	#	ARMREST/CONTROL GUARD KIT	NTS		
DATE 12.0	7.11	COPYRIGHT @ 2012 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  NOT TO BE USED FOR MAY PURPOSE ON COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT  WHITTEN PERMISSION FROM DART REOSPACE LTD.			

27500



BR	ERTIFICATION ANCH #01-0-01
BY: MS	ROVED RD (DE # 02)
DATE: CERT. NO.: ISSUE NO.:	12.07.11 SH02-33

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	AJS			
CHECKED	P	DRAWING NO.	REV. B	
MFG. APPR.	N/A	DSI 9619	SHEET 5 OF 5	
APPROVED	At 1	TITLE	SCALE	
DE APPR.	#	ARMREST/CONTROL GUARD	KIT NTS	
DATE 12.0	7.11	COPYRIGHT © 2012 BY DART AERO THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON TI NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED.	HE EYPRESS COMPITION THAT IT IS	

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS COMMITTION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM ACRE AREOSPACE LTD.

# REFERENCE ONLY



#### PARTS LIST:

QTY -011	QTY -013	QTY -021	QTY -023	QTY 4031	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
Х							D350-689-011	DUAL HIGH BACK SEAT INSTL, LH
1	Х						D350-689-013	FLOOR PROVISIONS KIT
		Х					D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH (REF DSI 9419)
		1	Х				D350-689-023	ENERGY ATTENUATING FLOOR PROVISION KIT (REF DSI 9419)
				Х			D350-689-031	APMREST/CONTROL GUARD KIT
1					Х		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
		1				Х	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY (REF DSI 9419)
							ν'-	
				41==	and the second	ALC: CONT.	_D3021-043	TUBE-ASSEMBLY
				1	Zanzerżona	And the second second	D4666-041	-ARMREST-ASSEMBLY
				1			D4671-1	FARMREST-CUSHION
						To the same of the	AN4-4A	BOLT
				<u>_1</u>	intra and the	Composition	AN4_10A	IBOET
				<b>_</b>		The Contract of	AN4-17A	BOLT
				1			AN970-4	WASHER
			7	2=			MS21042L4	NUT
					and an opposite to		NAS1149F0432Pa	-WASHER

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

BY: D. SHEPHERD (DE # 02)

DATE: 12.07.11
CERT. NO.: SH02-33
ISSUE NO.: 1

DESIGN	AJS	DART AEROSPACE	LTD
DRAWN	AJS	HAWKESBURY, ONTARIO, CAN	NADA
CHECKED	P	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9619	SHEET 2 OF 5
APPROVED	-#1	TITLE	SCALE
DE APPR.	#	ARMREST/CONTROL GUARD KI	T NTS
DATE 12.0	57.11	COPYRIGHT © 2012 BY DART AEROSPACT THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EAPP NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO WRITTEN PERMISSION FROM DART AEROSPACE L'TO	RESS CONDITION THAT IT IS OTHER PERSON WITHOUT

# Change Record

Part Number <u>D350 - 689 - 031</u>

Page 1 of 1

Description ARMREST CONTROL GUARD

CHG#	Date	Ву	Relevant Documents	ECN#
001	12.07.18	\$0	DS19619 Rev.B, D3021 Rev.B D4666, D4667, D4671 Rev. A	12-616
		.0	D4666, D4667, D4671 Rev. A	
			,	
		,		
			i i	
	*1			